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PATENT APPLICATION  
Navy Case No. 80,251

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application:

Rose-Pehrsson, et al.

Serial No. 60/214,244

Filed: June 16, 2000

For: "IDENTIFICATION OF FIRE  
SIGNATURES FOR SHIPBOARD  
MULTI-CRITERIA FIRE DETECTION SYSTEMS"

Examiner: (not yet assigned)

Group Art Unit:

Date: October 6, 2000

TRANSMITTAL OF MISSING PARTS

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the "Notice to File Missing Parts of Application-Filing Date Granted" enclosed herewith is the filing declaration and a copy of the Notice. Kindly charge the \$200.00 fee required by 37 C.F.R. 1.16(e) for filing the missing parts to Deposit Account No. 50-0281. Also please charge the \$890.00 fee required for filing a three-month extension of time for a total fee of \$1090.00.

Kindly charge any additional necessary fees, or credit overpayment of fees, to Deposit Account No. 50-0281.

Respectfully submitted,

JOHN J. KARASEK  
Reg. #36182



PTO/SB/17 (09-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2001

Patent fees are *subject to* annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 1090)

Complete if Known

Application Number	60/214244
Filing Date	June 16, 2000
First Named Inventor	Rose-Pehrsson
Examiner Name	
Group Art Unit	
Attorney Docket No.	80,251

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0281

Deposit Account Name Naval Research Laboratory

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	50
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 390 216 195		Extension for reply within second month	
117 890 217 445		Extension for reply within third month	
118 1,390 218 695		Extension for reply within fourth month	
128 1,890 228 945		Extension for reply within fifth month	
119 310 219 155		Notice of Appeal	
120 310 220 155		Filing a brief in support of an appeal	
121 270 221 135		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,240 241 620		Petition to revive - unintentional	
142 1,240 242 620		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 600 244 300		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 240 126 240		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
179 710 279 355		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	
Other fee (specify) _____			
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 940)	

### Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18 203 9		Claims in excess of 20
102 80 202 40		Independent claims in excess of 3
104 270 204 135		Multiple dependent claim, if not paid
109 80 209 40		* Reissue independent claims over original patent
110 18 210 9		Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\* or number previously paid, if greater; For Reissues, see above

F* SUBMITTED BY		Complete if applicable	
Name (Print Type)	Lawrence G. Legg	Registration No. (Attorney/Agent)	34208 Telephone 202-404-1559
Signature		Date	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



DEPARTMENT OF THE NAVY  
NAVAL RESEARCH LABORATORY  
4555 OVERLOOK AVE SW  
WASHINGTON DC 20375-5320

IN REPLY REFER TO



January 8, 2001

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

Cover Sheet for Provisional Application

Dear Sir:

Attached hereto is a Provisional patent application, in support of which the following information is provided:

- a. This is a Provisional Patent Application
- b. Inventors: Susan L. Rose-Pehrsson  
Ronald E. Shaffer  
Daniel T. Gottuk
- c. Residences of Inventors: Fairfax, VA, Alexandria, VA, Columbia, MD, respectively
- d. Title: Identification of Fire Signatures for Shipboard Multi-Criteria Fire Detection Systems
- e. Attorneys of Record: Barry A. Edelberg, Reg. No. 31,012  
Edward F. Miles, Reg. No. 30,573
- f. Attorney Docket No.: 80,251
- g. Correspondence Address: Office of the Associate Counsel for Intellectual Property, Code 1008.2  
Naval Research Laboratory  
Washington, DC 20375-5325
- h. U.S. Government Agency: Department of the Navy  
Government Contract No.:

Respectfully submitted,

John J. Karasek  
Reg. No. 36182

Prepared by:  
Lawrence G. Legg  
Reg. No. 34208  
Tele.: 202-404-1559

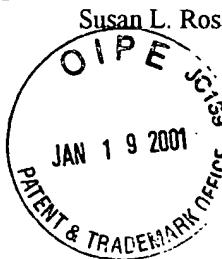


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
60/214,244	06/16/2000	Susan L. Rose-Pehrsson	

Barry A Edelberg  
 Office of the Associate Counsel for Intellectual  
 Code 1008.2  
 Navel Research Laboratory  
 Washinton, DC 20375-5325



## FORMALITIES LETTER



Date Mailed: 09/11/2000

## NOTICE TO FILE MISSING PARTS OF PROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(c)

*Filing Date Granted*

An application number and filing date have been accorded to this provisional application. The items indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 150 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$50 for a non-small entity, must be submitted with the missing items identified in this letter.
- The provisional application cover sheet under 37 CFR 1.51(c)(1) is required identifying:
  - either city and state or city or foreign country of the residence of each inventor.
- The balance due by applicant is \$ 200.

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*A copy of this notice **MUST** be returned with the reply.*

*[Signature]*  
 Customer Service Center  
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE